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|--|---|--|-------------------|--|---|---|--------------------------------|--|
| AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT | | | | 1. CONTRACT ID CODE | | PAGE OF PAGES | | |
| 2. AMENDMENT/MODIFICATION NO. | | | 3. EFFECTIVE DATE | | 4. REQUISITION/PURCHASE REQ. NO. | | 5. PROJECT NO. (If applicable) | |
| 6. ISSUED BY | | | CODE | | 7. ADMINISTERED BY (If other than Item 6) | | CODE | |
| 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code) | | | | (X) | | 9A. AMENDMENT OF SOLICITATION NO. | | |
| | | | | | | 9B. DATED (SEE ITEM 11) | | |
| | | | | | | 10A. MODIFICATION OF CONTRACT/ORDER NO. | | |
| | | | | | | 10B. DATED (SEE ITEM 11) | | |
| CODE | | | FACILITY CODE | | | | | |
| 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS | | | | | | | | |
| <input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment your desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified. | | | | | | | | |
| 12. ACCOUNTING AND APPROPRIATION DATA (If required) | | | | | | | | |
| 13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. | | | | | | | | |
| CHECK ONE | A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. | | | | | | | |
| | B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). | | | | | | | |
| | C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: | | | | | | | |
| | D. OTHER (Specify type of modification and authority) | | | | | | | |
| E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office. | | | | | | | | |
| 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) | | | | | | | | |
| | | | | | | | | |
| 15A. NAME AND TITLE OF SIGNER (Type or print) | | | | 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) | | | | |
| 15B. CONTRACTOR/OFFEROR | | | | 15C. DATE SIGNED | | 16B. UNITED STATES OF AMERICA | | |
| (Signature of person authorized to sign) | | | | | | (Signature of Contracting Officer) | | |
| | | | | 16C. DATE SIGNED | | | | |

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

Q&A List

Solicitation N65540-03-R-0069

Q1: Is it known that a heat pipe assembly this size will meet the performance criteria listed in Table 1 of Appendix A?

A1: No. We are looking to the contractor to provide analysis and data on thermal performance as part of this contract.

Q2: The gas side temperature (925 F) seems high for Admiralty materials listed for this service. Comments?

A2: The 925 F temperature is a current design element of the shell and tube heat exchangers currently used in the fleet. Normal operating range is between 500 F and 650 F. If the heat exchanger were to operate at the maximum gas temperature, it would be for a minimal amount of time (less than one hour).

Q3: Is the 4-hour operational check specified in Paragraph 3.6 of the RFQ required to confirm overall performance as stated in Table 1 of Appendix A?

A3: Yes

Q4: Is an "in service" operational check of the prototype unit feasible? In other words, could the contractor run testing with applicable monitoring apparatus after installing unit shipboard?

A4: This contract requires OEM operational check by the contractor prior to shipboard install and performance testing. Onboard testing will be addressed in future contracts.

Q5: There appear to be no requirements for serviceability or cleaning, either in-service or out of service. Are HP-BAC characteristics in this capacity desirable?

A5: The drawing provided is an engineering concept not the fabrication drawings. We will be looking to industry to address serviceability of unit in design of production units.

Q6: Has a double-walled tube conventional heat exchanger been considered for this service?

A6: No.

Q7: Does the exchanger housing need to "U" Code Stamped in accordance with ASME Section VIII Div 1.?

A7: No.

Q8: It appears from the RFQ that a significant amount of effort has already been completed as part of proof-of-concept. Is any documentation available from the proof-of-concept phase that would help in pricing the prototype?

A8: This is the proof of concept phase. The work done to date is analytical and has formed the basis of the SOW, specifically Table 1. Offerors should use Tables 1 and 2 to identify the basic criteria and materials which are needed to form the pricing. Offerors are free to base their pricing on use of other materials, but any increase in price (either for more costly materials or because the use of new materials will increase the production learning curve) may put the proposal at a competitive disadvantage.